

AMENDMENTS TO THE ABSTRACT:

- Please amend the Abstract of the Disclosure as follows:

A texture image compressing device includes a separating unit configured to separate intensity maps, including that include intensity values and light source-independent texture images, those images including color components from a plurality of texture images corresponding to ~~a plurality of~~ different light source directions and ~~a plurality of~~ different viewpoint directions. The device ~~also~~ includes an intensity map compressing unit configured to compress the intensity maps to generate compressed intensity maps and representative intensity maps that are codebooks of the compressed intensity maps, a light source-independent texture image compressing unit configured to compress the light source-independent texture images to generate light source-independent texture compressed images and color component conversion tables that are codebooks of the light source-independent texture compressed images, and a compressed texture generating unit configured to generate compressed textures by combining the compressed intensity maps, the representative intensity maps, the light source-independent texture compressed images and the color component conversion tables.